Form PTO 948 (Rev. 03/01) U.S. DEPARTMENT OF COMMERCE - Patent and Trademark Office Application No. 09/66805

## NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW .

	approved by the Draftsperson under 37 CFR 1.84 or 1.152. objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the r submission of new, corrected drawings when necessary. Corrected drawing m	eas lusi	ons indicated below. The Examiner will require be sumilted according to the instructions on the back of this notice
1.	DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings:	8.	ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)
	Black ink. Color.		Words do not appear on a horizontal, tell-to-right fashion
	Color drawings are not acceptable until petiton is granted.		when page is either upright or turned so that the top
	Fig(s)		becomes the right side, except for graphs. Fig(s)
,	Pencil and non black ink not permitted. Fig(s)	9.	, SCALE. 37 CFR 1.84(k)
4.	PHOTOGRAPHS. 37 CFR 1.84(b)  1 full-tone set is required. Fig(s)	•	Scale not large enough to show mechanism without
	Photographs may not be mounted. 37,CFR 1.84(e)	•	crowding when drawing is reduced in size to two-thirds in
	Poor quality (half-ione). Fig(s)		reproduction.
3.	TYPE OF PAPER. 37 CFR 1.84(c)	·ŀ	Fig(s)CHARACTER OF LINES, NUMBERS, & LETTERS.
	Paper not flexible, strong, white, and durable.	T	37 CFR 1.84(i)
	Fig(s)	U	Lines, numbers & letters not uniformly thick and well
	Erasures, alterations, overwritings, interlineations,		defined, clean, durable, and black (poor line quality).
	folds, copy machine marks not accepted. Fig(s)		Fig(s)
	Mylar, velum paper is not acceptable (too thin).	11.	SHADING. 37 CFR [.84(m)
4	Fig(s)		Solid black areas pale. Fig(s)
٩.	SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:  21.0 cm by 29.7 cm (DIN size A4)		Solid black shading not permitted. Fig(s)
	21.6 cm by 27.9 cm (8 1/2 x 11 inches)	/	Shade lines, pale, rough and blurred. Fig(s)
	All drawing sheets not the same size.	'ŧ	37 (FR 1.84(p)
	Sheet(s)	•	Numbers and reference, characters not plain and legible.
	Drawings sheets not an acceptable size. Fig(s)		Fie(s)
5.	MARGINS. 37 CFR 1.84(g): Acceptable margins:		Figure legends are poor. Fig(s)
	2. 1. A 177 (1987) 11.		Numbers and reference characters not oriented in the
	Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm		same direction as the view. 37 CFR 1.84(p)(1)
	SIZE: A4 Size Top 2.5 cm, Left 2.5 cm, Right 1.5 cm, Bottom 110 cm.		Fig(s)
	SIZE: 8 (7 × 1)	•	English alphabet not used. 37 CFR 1.84(p)(2)
	Margins not acceptable. Fig(s)	,	Figs Numbers, letters and reference characters must be at least
	Top (T) Left (L)		32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3)
	Right (R) Bottom (B)		Fig(s)
6.	VIEWS. 37 CFR 1.84(h)	13.	LEAD LINES. 37 CFR 1.84(q)
	REMINDER: Specification may require revision to		Lead lines cross each other. Fig(s)
	correspond to drawing changes.		Lead lines missing. Fig(s)
	Partial views. 37 CFR 1.84(h)(2)	14.	NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(1)
	Brackets needed to show figure as one entity.  Fig(s)		Sheets not numbered consecutively, and in Arabic numerals
		16	beginning with number 1. Sheet(s) NUMBERING OF VIEWS. 37 CFR 1.84(u)
	Fig(s)	13.	Views not numbered consecutively, and in Arabic numerals,
	Enlarged view not labeled separetely or properly.		beginning with number 1. Fig(s)
-	Fig(s)	16.	CORRECTIONS, 37 CFR 1.84(w)
_	/		Corrections not made from prior PTO-948
7.	SECTIONAL VIEWS. 37 CFR 1.84 (h)(3)		dated
	Hatching not indicated for sectional portions of an object.	17.	DESIGN DRAWINGS. 37 CFR 1.152
	Fig(s)Sectional designation should be noted with Arabic or		Surface shading shown not appropriate. Fig(s)
	Roman numbers. Fig(s)		Solid black shading not used for color contrast.
			Fig(s)
			ľ
COMMENTS			
			l
			J
	•		

REVIEWER ATTACHMENT TO PAPER NO